

**STATEMENT OF WORK AMENDMENT
GAMMA RADIATION SURVEY SUPPORT
FLORIDA PHOSPHATE PROJECT
WEST-CENTRAL FLORIDA
AUGUST 2010**

This Statement of Work (SOW) serves as an Amendment to the SOW issued in February 2004, to the Department of Energy (DOE) via Interagency Agreement. The February 2004, IAG and SOW provided support to the U.S. Environmental Protection Agency (EPA), Region 4, for the radiation survey of phosphate mine related areas in Polk and Hillsborough Counties, Florida that had been developed for residential purposes.

Since the original IAG and SOW was issued, the scope of the Florida Phosphate Project has expanded significantly. The scope of the project includes mine related areas in the four counties (Manatee, Sarasota, DeSoto, and Hardee) further south. The scope of the Florida Phosphate Project also now includes mine related areas that have not been developed for residential purposes (i.e., mined but undeveloped or developed for non-residential purposes).

This SOW is now expanded to provide for both the aerial and ground-based radiation survey of the 28 phosphate mine-related CERCLIS sites and related areas. The actual scope of the work will be developed and defined in a site-specific work plan for individual phases of work. Additional funding will be added, incrementally, as needed for individual work plans and phases of work.

Individual Work Plans are being developed for a Scoping Survey of several CERCLIS Sites (i.e., Coronet Mine, Tenoroc Mine, and Brewster Lonesome Mine) and related background areas, as well as, as a ground-based Scoping and Characterization Survey for the Coronet Mine Site in Plant City, Florida.

This project work is expected to extend through December 31, 2015. When practicable, costs will be tracked and reported using site-specific accounting information.

**INDEPENDENT GOVERNMENT COST-ESTIMATE
AMENDED STATEMENT OF WORK
FLORIDA PHOSPHATE PROJECT
WEST-CENTRAL, FLORIDA
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Limited Mine-Sites Scoping Survey (Coronet Mine, Tenoroc Mine, Brewster Lonesome Mine)¹ (\$400,000)

- Project Planning - \$30,000
- Aerial Survey (approx. 15,000 acres) – 345,000
- Reporting - \$25,000

Coronet Mine Site Scoping Survey² (\$325,000)

- Project Planning - \$30,000
- Ground-based Scoping Survey - \$270,000
- Project Reporting - \$25,000

Notes:

- 1- This phase of work is fully funded through this IA amendment.
- 2- The Scoping Phase of this survey is fully funded using existing funds in the existing IA. As the Work Plan is developed for the Characterization Phase, additional funding will be added to conduct this work.
- 3- The majority of these funds (95%) are to be allocated for contractor procurement. It is anticipated that DOE will continue to utilize the National Nuclear Security Administration, Remote Sensing Laboratory resources located in Las Vegas, Nevada, to conduct this work.